

```

50              55              60
Lys Lys Gly His Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His
65              70              75              80
Gln Ser Gln Asp Arg Lys Ile His Val Tyr Gly Tyr Ser Met Gly Tyr
85              90              95
Gly Arg Ala Gln His Ser Val Ser Thr Glu Lys Ile Arg Ala Lys Tyr
100            105            110
Pro Asp Tyr Glu Val Thr Trp Ala Asp Asp Gly Tyr
115            120

<210> 7
<211> 123
<212> PRT
<213> rat

<220>
<221> PEPTIDE
<222> (1)..(123)
<223> rat histidine protein phosphatase

<400> 7
Asn Gly Leu Asn Thr Thr Arg Gly Lys Gly Ser Ser Pro Leu Gly Lys
1      5      10
Asp His Gln Glu Leu Glu Leu Thr Pro Tyr Pro Ala Val Lys Phe
20      25      30
Ser Val Gly Pro Thr Arg Ala Thr Arg Ala Tyr Pro Glu Ala Thr Leu
35      40      45
Pro Thr Ser Ala Asp Ile Tyr Asp Lys Val Ser Gly Glu Leu Gln Lys
50      55      60
Asn Gly Tyr Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His Gln
65      70      75      80
Ser Gln Asp Arg Lys Ile His Val Tyr Gly Tyr Ser Met Gly Tyr Gly
85      90      95
Arg Ala Gln His Ser Val Ser Thr Glu Lys Ile Lys Ala Lys Tyr Pro
100     105     110
Asp Tyr Glu Val Thr Trp Ala Asp Asp Gly Tyr

```

115

120

&lt;210&gt; 8

&lt;211&gt; 124

&lt;212&gt; PRT

&lt;213&gt; mouse

&lt;220&gt;

&lt;221&gt; PEPTIDE

&lt;222&gt; (1)..(124)

&lt;223&gt; mouse histidine protein phosphatase

&lt;400&gt; 8

Met	Ala	Ala	Asp	Leu	Gly	Gln	Ile	Pro	Asp	Val	Asp	Ile	Asp	Ser	Asp
1				5					10					15	

Gly	Val	Phe	Lys	Tyr	Val	Leu	Ile	Arg	Val	His	Leu	Ala	Glu	Pro	Ser
			20					25					30		

Gly	Asp	Pro	Ala	Lys	Glu	Cys	Lys	Glu	Ile	Val	Arg	Gly	Tyr	Lys	Trp
	35					40						45			

Ala	Glu	Tyr	His	Ala	Asp	Ile	Tyr	Asp	Lys	Val	Ser	Gly	Glu	Leu	Gln
	50					55					60				

Arg	Asn	Gly	Tyr	Asp	Cys	Glu	Cys	Leu	Gly	Gly	Gly	Arg	Ile	Ser	His
65					70					75					80

Gln	Ser	Gln	Asp	Arg	Lys	Ile	His	Val	Tyr	Gly	Tyr	Ser	Met	Gly	Tyr
				85					90					95	

Gly	Arg	Ala	Gln	His	Ser	Val	Ser	Thr	Glu	Lys	Ile	Lys	Ala	Lys	Tyr
		100						105					110		

Pro	Asp	Tyr	Glu	Val	Thr	Trp	Ala	Asp	Asp	Gly	Tyr
	115						120				

&lt;210&gt; 9

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Peptide for  
generating an antibody directed against histidine  
protein phosphatase

&lt;400&gt; 9

Gln Ile Pro Asp Val Asp Ile Asp Ser Asp Gly Val Phe Lys Tyr Val  
 1 5 10 15

&lt;210&gt; 10

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: peptide for  
 generating an antibody directed against histidine  
 protein phosphatase

&lt;400&gt; 10

Cys Leu Gly Gly Gly Arg Ile Ser His Gln Ser Gln Asp Lys  
 1 5 10

&lt;210&gt; 11

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: peptide for  
 generating an antibody directed against histidine  
 protein phosphatase

&lt;400&gt; 11

Cys Thr Glu Lys Ile Lys Ala Lys Tyr Pro Asp Tyr Glu Val  
 1 5 10